

Docket Number: 081468-0309196 Client Reference: P-1851.000-US

PATENT APPLICATION



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KOLESNYCHENKO et al.

Group Art Unit: 1756

Application No.: 10/823,777

Examiner: Unassigned

Filed: April 14, 2004

Confirmation No.: 4703

For: LITHOGRAPHIC APPARATUS AND DEVICE MANUFACTURING METHOD

September 8, 2004

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. 1.56, the attention of the Patent and Trademark Office is hereby directed to the following U.S. patent application(s):

Examiner's Initials	First Inventor	Application No.	Filing Date	Enclosed
			1.1111111111111111111111111111111111111	
	DE SMIT (081468-0309173)	10/820,227	04/08/2004	☑ Specification☑ Drawings☑ Other: stamped receipt card
	DE SMIT (081468-0309978)	10/860,662	06/04/2004	☒ Specification☒ Drawings☒ Other: stamped receipt card
	DUINEVELD et al. (081468-0308101)	10/773,461	02/09/2004	☒ Specification☒ Drawings☒ Other: stamped receipt card
	FLAGELLO et al. (081468-0302644)	10/698,012	10/31/2003	☒ Specification☒ Drawings☒ Other: stamped receipt card
	DE SMIT et al. (081468-0306530)	10/705,804	11/12/2003	✓ Specification✓ Drawings✓ Other: stamped receipt card
	LOF et al. (081468-0306781)	10/705,805	11/12/2003	☒ Specification☒ Drawings☒ Other: stamped receipt card
	LOF et al. (081468-0306524)	10/705,783	11/12/2003	☑ Specification☑ Drawings☑ Other: stamped receipt card

Examiner's Initials	First Inventor	Application No.	Filing Date	Enclosed
8 2004 SHE	VAN SANTEN et al. (081468-0307331)	10/743,271	12/23/2003	☑ Specification☑ Drawings☑ Other: stamped receipt card
TRADEMART	MULKENS et al. (081468-0307333)	10/743,266	12/23/2003	☒ Specification☒ Drawings☒ Other: stamped receipt card
	DERKSEN et al. (081468-0306526)	10/705,785	11/12/2003	☒ Specification☒ Drawings☒ Other: stamped receipt card
	SIMON et al. (081468-0307087)	10/724,402	12/01/2003	 ☒ Specification ☒ Drawings ☒ Other: stamped receipt card
	BLEEKER (081468-0306527)	10/715,116	11/18/2003	☒ Specification☒ Drawings☒ Other: stamped receipt card
	STREEFKERK et al. (081468-0306882)	10/719,683	11/24/2003	 ✓ Specification ✓ Drawings ✓ Other: stamped receipt card
	LOF et al. (081468-0306525)	10/705,816	11/12/2003	☒ Specification☒ Drawings☒ Other: stamped receipt card
	DIERICHS (081468-0308270)	10/775,326	02/11/2004	☒ Specification☒ Drawings☒ Other: stamped receipt card
	LOF et al. (081468-0309957)	10/857,614	06/01/2004	☒ Specification☒ Drawings☒ Other: stamped receipt card
	SUWA et al. (Reissue Application of U.S. Patent No. 6,191,429 B1)	10/367,910	02/19/2003	☑ Specification☑ Drawings☐ Other: stamped receipt card
	ZAAL et al. (081468-0309012)	10/814,815	04/01/2004	☑ Specification☑ Drawings☑ Other: stamped receipt card

^{*}The Examiner's initials adjacent a citation indicates he/she has considered the cited application relative to the subject application.

It is respectfully requested that these applications and the art cited therein during examination be expressly considered during the prosecution of this application and be made of record in this application. The identification of the above U.S. patent applications is not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a patent.

<u>PLEASE DO NOT PRINT</u> the above information on the patent which results from this application.

Consideration of each listed application is earnestly solicited since unpublished patent applications are contemplated as IDS material; see the exception in Rule 98(a)(2)(iii) and note the penultimate sentence of MPEP 609.

Further, in keeping with MPEP 609, subsec. C(2), 2nd para., line 10 to end of the paragraph (especially note lines 18-25) **PLEASE <u>RETURN</u> A COPY OF <u>THIS LETTER</u>** with the Examiner's initials adjacent each above listing so that applicant will know that each listed application has been considered as required by PTO policy.

Secondly, please consider each document which is listed on the attached Form PTO-1449 and return a copy of that form with the Examiner's initials adjacent each citation, a copy of each document enclosed except for any U.S. patents and published patent applications. It is respectfully requested that these documents listed on the Form PTO-1449 be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

Respectfully Submitted,

PIKESBURY WINTHROP LLP

Jean-Paul G. Hoffmah | | Registration Number 42663

Customer Number: 00909

P.O. Box 10500 McLean, VA 22102

Telephone: (703) 905-2000 Facsimile: (703) 905-2500

FORM PTO-1449 (modified) Atty. M# Client Ref. To: U.S. Department of Commerce Dkt. No. (PW FORM PAT-1449) Patent and Trademark Office P-1851.000-US 309196 INFORMATION DISCLOSURE STATEMENT Applicant: KOLESNYCHENKO et al. BY APPLICANT Appln. No. 10/823,777 Filing Date: April 14, 2004 Date: September 8, 2004 Page lof Examiner: Unknown Group Art Unit: 1756 U.S. PATENT DOCUMENTS Examiner's Document Date Name Class Sub Filing Date Class (Family Name of First Inventor) Initials* Number MM/YYYY (if appropriate) 3,573,975 04/1971 AR DHAKA et al. 117 212 3,648,587 03/1972 **STEVENS** 95 44 BR 08/1982 CR 4,346,164 TABARELLI et al. 430 311 DR 4,390,273 06/1983 LOEBACH et al. 355 125 08/1983 ER 4,396,705 AKEYAMA et al. 430 326 FR 4,480,910 11/1984 TAKANASHI et al. 355 30 04/1985 30 GR |4,509,852 TABARELLI et al. 355 HR 5,040,020 08/1991 **|**53 RAUSCHENBACH et al. 355 IR 5,121,256 06/1992 CORLE et al. 359 664 5.610.683 03/1997 TAKAHASHI JR 355 53 KR 5,715,039 02/1998 FUKUDA et al. 53 355 LR 5,825,043 10/1998 **SUWA** 250 548 MR 5,900,354 05/1999 BATCHELDER 430 395 NR 6,191,429 02/2001 SUWA 250 548 FOREIGN PATENT DOCUMENTS English Abstract Translation Readily Document Date Country Inventor Name Available MM/YYYY Number Enclosed No Enclosed No PCT OR WO 99/49504 09/1999 FUKAMI et al. Х Х PR IEP 0023231 02/1981 **EUROPE** TABARELLI et al. Х EUROPE QR EP 0418427 03/1991 MIYAKE Х Χ EP 1039511 09/2000 RR **EUROPE** MURAKAMI et al. X Х SR DD 224448 07/1985 **GERMANY** HESSE et al. Χ TR DD 242880 02/1987 **GERMANY** KUCH Х FR 2474708 07/1981 UR **FRANCE** LETELLIER Х VR JP 62-065326 03/1987 **JAPAN** MORIUCHI Х WR JP 62-121417 06/1987 **JAPAN** NAKAZAWA X XR JP 63-157419 06/1988 **JAPAN** NAKASUJI X YR JP 04-305915 10/1992 **JAPAN** Х OZEKI et al. JP 04-305917 10/1992 **JAPAN** ZR OZEKI et al. X AAR JP 06-124873 05/1994 **JAPAN** TAKAHASHI Х Χ OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.) BBR M. SWITKES et al., "Immersion Lithography at 157 nm", MIT Lincoln Lab, Orlando 2001-1, December 17, 2001 CCRM. SWITKES et al., "Immersion Lithography at 157 nm", J. Vac. Sci. Technol. B., Vol. 19, No. 6, November/December 2001, pp. 2353-2356 DDRM. SWITKES et al., "Immersion Lithography: Optics for the 50 nm Node", 157 Anvers-1, September 4, 2002 Examiner Date Considered: **EXAMINER**: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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